

**Emery & Garrett Groundwater, Inc.**

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April 15, 2003

Mr. Danny Hatch  
 Fauquier County Soil Scientist  
 Department of Community Development  
 Court & Office Building  
 Third Floor  
 40 Culpeper Street  
 Warrenton, VA 20186




Dear Danny,

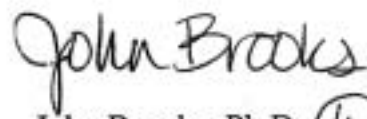

Emery & Garrett Groundwater, Inc. (EGGI) is pleased to submit herein our hydrogeologic report for a community groundwater supply for the proposed Reserve at Glanamman Project (formerly known as Airlie Estates Subdivision) in Loudoun County, Virginia.

The results of this groundwater investigation suggest that more than adequate groundwater resources are available on-site to meet the *maximum* daily demand of 23 gpm (33,120 gpd) at the proposed Airlie Estates Subdivision.<sup>1</sup> The results of the pumping tests indicate that the combined yield of Well AIR-1a (40 gpm) and Well AIR-3a (8 gpm) is actually capable of producing more than double the maximum daily requirement of 23 gpm (or 1 gpm per residence).

I hope you find this information responsive to your needs. If you have any questions regarding this material, please do not hesitate to contact me.

Best regards,

  
 James M. Emery  
 President

  
 John Brooks, Ph.D.   
 Senior Geologist

<sup>1</sup> Fauquier County requires that 1 gpm per residence be developed. It is anticipated that actual water use for the entire subdivision will only be approximately 5 gallons per minute or 6,900 gpd for 23 residences. This is based upon a water use of approximately 75 gallons per day per person – four people per home (VDOH).